

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
 Data File : BG057686.D
 Acq On : 12 Jun 2023 18:05
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 13 01:56:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 01:42:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	33624	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	127613	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	87203	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	199404	20.000	ng	0.00
76) Chrysene-d12	21.583	240	164306	20.000	ng	0.00
86) Perylene-d12	24.744	264	205338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	317807	148.218	ng	0.00
7) Phenol-d6	7.106	99	452417	145.869	ng	0.00
23) Nitrobenzene-d5	9.110	82	390089	187.326	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	180318	169.532	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	861330	143.096	ng	0.00
79) Terphenyl-d14	19.944	244	1274881	143.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	72457	70.979	ng	97
3) Pyridine	3.822	79	218062m	76.229	ng	
4) n-Nitrosodimethylamine	3.739	42	105602	76.236	ng	98
6) Aniline	7.276	93	285966	74.041	ng	98
8) 2-Chlorophenol	7.511	128	154548	74.042	ng	99
9) Benzaldehyde	7.083	77	112536	60.377	ng	98
10) Phenol	7.130	94	221942	72.898	ng	98
11) bis(2-Chloroethyl)ether	7.370	93	169187	73.673	ng	96
12) 1,3-Dichlorobenzene	7.835	146	163505	72.000	ng	98
13) 1,4-Dichlorobenzene	7.982	146	165029	72.830	ng	97
14) 1,2-Dichlorobenzene	8.299	146	157895	71.723	ng	98
15) Benzyl Alcohol	8.181	79	177272	77.113	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.475	45	367463	73.397	ng	100
17) 2-Methylphenol	8.381	107	161187	73.577	ng	97
18) Hexachloroethane	9.033	117	60422	78.375	ng	92
19) n-Nitroso-di-n-propyla...	8.763	70	151928	74.268	ng	95
20) 3+4-Methylphenols	8.716	107	223946	75.472	ng	98
22) Acetophenone	8.769	105	273853	76.639	ng	# 98
24) Nitrobenzene	9.151	77	203929	95.020	ng	97
25) Isophorone	9.674	82	429974	79.181	ng	99
27) 2,4-Dimethylphenol	9.915	122	160447	80.944	ng	96
28) bis(2-Chloroethoxy)met...	10.161	93	231573	80.227	ng	97
29) 2,4-Dichlorophenol	10.390	162	155656	84.801	ng	96
30) 1,2,4-Trichlorobenzene	10.608	180	173468	77.992	ng	97
31) Naphthalene	10.802	128	521574	76.634	ng	99
32) Benzoic acid	10.085	122	106401	79.557	ng	90
33) 4-Chloroaniline	10.902	127	237143	78.739	ng	99
34) Hexachlorobutadiene	11.084	225	111898	78.154	ng	97
35) Caprolactam	11.707	113	55307	88.826	ng	97
36) 4-Chloro-3-methylphenol	12.024	107	192663	81.005	ng	99
37) 2-Methylnaphthalene	12.406	142	373541	76.795	ng	98
38) 1-Methylnaphthalene	12.629	142	350007	76.397	ng	97
40) 1,2,4,5-Tetrachloroben...	12.776	216	194926	75.597	ng	99
41) Hexachlorocyclopentadiene	12.758	237	110111	88.658	ng	98
43) 2,4,6-Trichlorophenol	13.011	196	137090	85.585	ng	95
44) 2,4,5-Trichlorophenol	13.081	196	161112	84.375	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.416	154	458226	74.332	ng	97
47) 2-Chloronaphthalene	13.457	162	354321	75.371	ng	99
48) 2-Nitroaniline	13.657	65	128934	81.606	ng	98
49) Acenaphthylene	14.304	152	588492	74.451	ng	99
50) Dimethylphthalate	14.039	163	485696	75.457	ng	99
51) 2,6-Dinitrotoluene	14.157	165	95709	80.221	ng	100
52) Acenaphthene	14.644	154	363299	76.390	ng	99
53) 3-Nitroaniline	14.486	138	103015	79.270	ng	96
54) 2,4-Dinitrophenol	14.680	184	36987	79.233	ng	97
55) Dibenzofuran	14.979	168	571350	72.267	ng	98
56) 4-Nitrophenol	14.779	139	83563	79.466	ng	98
57) 2,4-Dinitrotoluene	14.938	165	128183	81.270	ng	95
58) Fluorene	15.625	166	443445	71.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	131430	85.921	ng	98
60) Diethylphthalate	15.402	149	497256	75.179	ng	100
61) 4-Chlorophenyl-phenyle...	15.620	204	241660	72.095	ng	98
62) 4-Nitroaniline	15.649	138	104478	79.347	ng	99
63) Azobenzene	15.913	77	512122	73.819	ng	99
65) 4,6-Dinitro-2-methylph...	15.702	198	58450	79.345	ng	95
66) n-Nitrosodiphenylamine	15.837	169	403693	76.195	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	164070	77.725	ng	98
68) Hexachlorobenzene	16.624	284	164433	77.805	ng	96
69) Atrazine	16.783	200	140965	76.806	ng	99
70) Pentachlorophenol	16.965	266	125079	91.282	ng	98
71) Phenanthrene	17.365	178	720510	73.945	ng	98
72) Anthracene	17.459	178	737204	74.192	ng	98
73) Carbazole	17.723	167	680228	73.674	ng	99
74) Di-n-butylphthalate	18.293	149	846979	76.797	ng	99
75) Fluoranthene	19.374	202	864734	72.585	ng	98
77) Benzidine	19.556	184	310829	74.520	ng	98
78) Pyrene	19.738	202	874199	75.173	ng	99
80) Butylbenzylphthalate	20.631	149	359036	88.202	ng	96
81) Benzo(a)anthracene	21.560	228	858088	75.173	ng	98
82) 3,3'-Dichlorobenzidine	21.477	252	293441	77.636	ng	100
83) Chrysene	21.630	228	821605	75.883	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	506897	81.384	ng	100
85) Di-n-octyl phthalate	22.688	149	925432	87.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.363	276	1058862	79.624	ng	99
88) Benzo(b)fluoranthene	23.745	252	877754	78.549	ng	100
89) Benzo(k)fluoranthene	23.816	252	867773	76.215	ng	99
90) Benzo(a)pyrene	24.603	252	858016	78.140	ng	99
91) Dibenzo(a,h)anthracene	28.446	278	867186	78.179	ng	98
92) Benzo(g,h,i)perylene	29.509	276	871479	79.576	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

